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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/272,810	03/19/1999	RICHARD J. CARTER	10982056-1	6119

7590 05/15/2002

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EXAMINER

LUU, LE HIEN

ART UNIT

PAPER NUMBER

2152

DATE MAILED: 05/15/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

cd

Office Action Summary

Application No.

09/272,810

Applicant(s)

CARTER ET AL.

Examiner

Le H Luu

Art Unit

2152

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 March 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

1. The proposed drawing correction filed on 03/05/2002 is approved.
2. Claims 1-21 are presented for examination.
3. The text of those sections of Title 35, U.S. Code § 102 (e) not included in this action can be found in a prior Office Action.
4. Claims 1-21 are rejected under U.S. Code § 102 (e) as being anticipated by **Huras et al. (Huras)** patent no. **6,125,401**.
5. **Huras** was cited as prior art in the last office action.
6. As to claim 1, Huras teaches the invention as claimed, including a method of handling a network connection, the network connection including a client-to-server channel and a server-to-client channel (col. 4 line 39 – col. 8 line 66), the method comprising:

examining local server information to determine whether the client-to-server channel is still established (Abstract; col. 7 line 57 – col. 8 line 21); and

aborting response preparation to a client request if the client-to-server channel is determined to be no longer established (Abstract; col. 7 line 57 – col. 8 line 67).
7. As to claims 2-7, Huras teach the state of the server-to-client channel is inferred after reading from client-to-server channel; a read buffer is being used to determine

whether the client-to-server channel is still established; specific state of the connection is determined by examining local information in the server, "CLOSE_WAIT" state, interrupt. In addition, Huras teaches that polling is being used despite of some disadvantages (col. 1 lines 43-55, col. 4 line 39 - col. 8 line 66).

8. Claims 8-21 have similar limitations as claims 1-7; therefore, they are rejected under the same rationale.

9. In the remarks, applicant argued in substance that

(A) Prior art does not teach a network environment .

As to point (A), Huras teaches a client-server system where a terminal and personal computer connect to a main computer via a network (figure 1; col. 4 lines 39-65).

(B) Prior art does not teach client-to-server channel or a server-to-client channel.

As to point (B), Huras teaches the terminal runs application to interact with a service provider on the main computer thru a channel and vice versa (col. 5 lines 10-23).

(C) Prior art does not teach abort response preparation to a client request if the client-to-server channel is determined to be no longer established.

As to point (C), Huras teaches server process terminate resources allocated to client process to free up system resources if determined that client process has terminated because of any reason (Abstract; col. 7 line 57 – col. 8 line 67).

10. Limitations that are argued by applicant but are not in claimed language are not being considered by Examiner.

11. Applicant's arguments filed on 03/05/2002 have been fully considered but they are not deemed to be persuasive.

12. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 C.F.R. § 1.136(a).

A SHORTENED STATUTORY PERIOD FOR RESPONSE TO THIS FINAL ACTION IS SET TO EXPIRE THREE MONTHS FROM THE DATE OF THIS ACTION. IN THE EVENT A FIRST RESPONSE IS FILED WITHIN TWO MONTHS OF THE MAILING DATE OF THIS FINAL ACTION AND THE ADVISORY ACTION IS NOT MAILED UNTIL AFTER THE END OF THE THREE-MONTH SHORTENED STATUTORY PERIOD, THEN THE SHORTENED STATUTORY PERIOD WILL EXPIRE ON THE DATE THE ADVISORY ACTION IS MAILED, AND ANY EXTENSION FEE PURSUANT TO 37 C.F.R. § 1.136(a) WILL BE CALCULATED FROM THE MAILING DATE OF THE ADVISORY ACTION. IN NO EVENT WILL THE STATUTORY PERIOD FOR RESPONSE EXPIRE LATER THAN SIX MONTHS FROM THE DATE OF THIS FINAL ACTION.

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Le H. Luu, whose telephone number is (703) 305-9650. The examiner can normally be reached Monday through Friday from 7:00 AM to 4:30 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Rinehart, can be reached at (703) 305-4815. The fax phone number for the organization where this application or proceeding is assigned is (703) 746-7240.

Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9600.

Any response to this final action should be mailed to:

Box AF

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 746-7239, (for formal communications; please mark "EXPEDITED PROCEDURE").

Or:

(703) 746-7240 (for informal or draft communications, please label "PROPOSED" or "DRAFT").

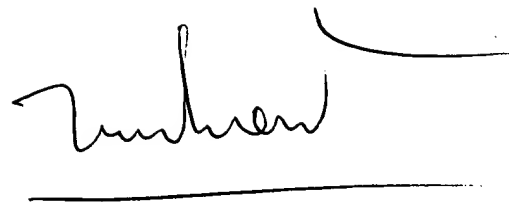
Or:

(703) 746-7238 (for After Final communications).

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

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A handwritten signature in black ink, appearing to read 'Le Hien Luu', written over a horizontal line.

LE HIEN LUU
PRIMARY EXAMINER
May 10, 2002